

**DYNAMIC SCHEDULING OF DIAGNOSTIC TESTS
TO BE PERFORMED DURING A SYSTEM BOOT PROCESS**

ABSTRACT OF THE DISCLOSURE

A method, system, and article of manufacture for automatically performing one or more diagnostic tests during a system boot process are provided. The tests may be performed after a specific period or periods of time associated with the tests have passed since the tests were last performed. Such periodic diagnostic tests may allow faulty chips or other problems within the system to be detected before the occurrence of full system failures that could cause unacceptable downtime.